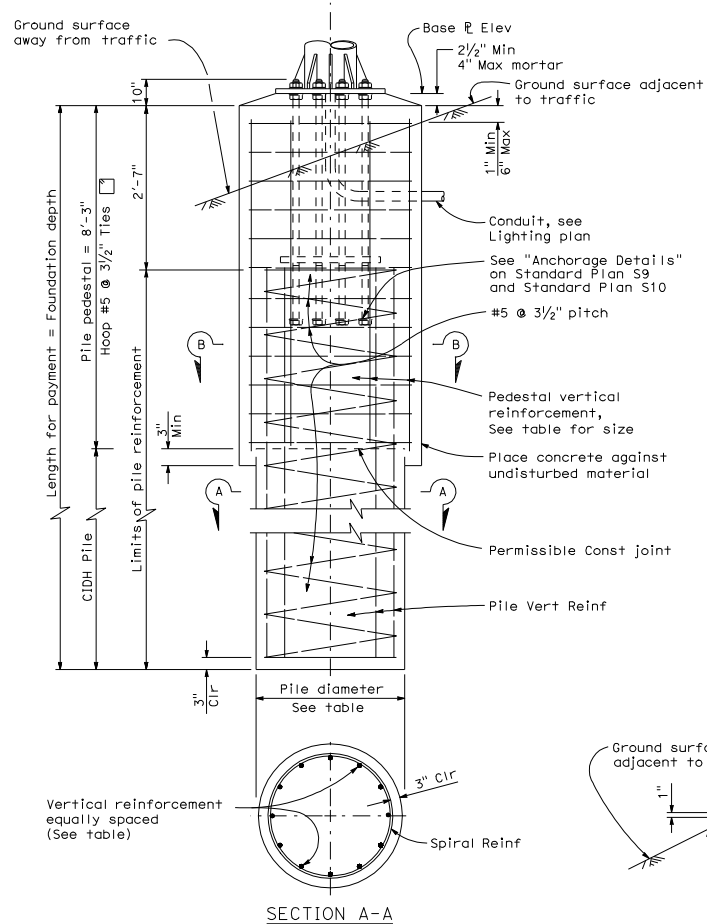
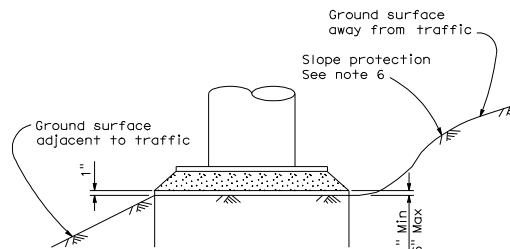


SECTION B-B



SECTION A-A



DETAIL C

Post Type	Anchor Bolts				Square Pile Pedestal					CIDH Pile				Foundation Depth * *
	Total	Dia	Bolt Circle	Total Length	Pedestal Square one side	Total	Bar Size	# of bars each face	Hoop Bar Size Spacing	Pile Dia	Vertical Reinforcing Total	Bar Size	Spiral Bar Size Pitch	
I-S	12	2"	2'-4"	4'-2"	5'-3"	16	#10	5	#5 3/2"	4'-6"	26	#10	#5 3/2"	18'-0"
II-S	12		2'-4"											19'-8"
III-S	12		2'-7"											23'-0"
IV-S	14		2'-10"											23'-0"
V-S	16	2 1/2"	3'-2"	5'-0"	5'-10"		#11			5'-0"	28	#11		26'-3"
VI-S	16	2 1/2"	3'-5"	5'-0"	5'-10"		#11			5'-0"	28	#11		27'-10"
VII-S	16	2 1/2"	3'-5"	5'-0"	5'-10"		#11			5'-0"	28	#11		27'-10"

* * Use Foundation Depth shown in table unless otherwise shown on the Project Plans.

NOTES:

- For anchor bolt layout, see Standard Plan S10.
- For "Base R elevation" see Project Plans.
- Longer side of post shall be normal to axis of sign.
- Prior to erection of the post, backfill which is equivalent to the surrounding material, shall be in place.
- Pedestal shall be formed 6" Min below ground surface. Remainder to be placed against undisturbed material.
- Slope protection required when indicated on the Project Plans.
- Foundation design is based on 2001 AASHTO article 13.6 Broms' approximate procedure assuming a cohesionless material. The angle of internal friction used is 30° and unit weight of soil used is 120 lb/ft³.

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION
**OVERHEAD SIGNS-TRUSS
TWO POST TYPE
SQUARE PEDESTAL PILE FOUNDATION**
NO SCALE

S14

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS

May 1, 2006
 PLANS APPROVAL DATE
 The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan sheet.
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